

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) A disposable cassette comprising

at least one first part in which channel structures are cut out in a surface thereof and a second part covering the first part in a sealing manner, with engagement regions for actuators being provided in the first part at pre-determined points,

~~at least one of the first part and the second part~~ having a construction that includes a rigid material with a flexible material region associated therewith, with the rigid material and the flexible material region being of a one piece, two-component injection molded construction,

both the channel structures and the engagement regions for the actuators being provided in the flexible material region.

2-3. (Canceled)

4. (Previously presented) The disposable cassette in accordance with claim 1, wherein the actuators are valves.

5. (Previously presented) The disposable cassette in accordance with claim 1, wherein the actuators are membrane pumps.

6. (Previously presented) The disposable cassette in accordance with claim 1, wherein the actuators are at least one of restrictors and metering valves.

7. (Previously presented) The disposable cassette in accordance with claim 1, wherein the engagement region of the channel is shallower and has a larger channel cross-section relative to a remaining region of the channel.

8-16. (Canceled)

17. (Previously presented) The disposable cassette in accordance with claim 4, wherein the engagement region of the channel is shallower and has a larger channel cross-section relative to a remaining region of the channel.

18. (Previously presented) The disposable cassette in accordance with claim 5, wherein the engagement region of the channel is shallower and has a larger channel cross-section relative to a remaining region of the channel.

19. (Previously presented) The disposable cassette in accordance with claim 6, wherein the engagement region of the channel is shallower and has a larger channel cross-section relative to a remaining region of the channel.

20. (Currently amended) A disposable fluid cassette comprising:

(i) a first part ~~having~~ that includes a rigid plastic ~~construction portion and a flexible elastomeric material portion,~~ the flexible elastomeric material portion being integral with the rigid plastic portion by a one piece, two-component injection molded construction,

~~with the flexible elastomeric material portion including a channel provided in a surface thereof for guiding a fluid~~[[,]]
~~(ii) and an engagement region for cooperation with a fluid transport actuator, the engagement region having a flexible elastomeric material construction and being integral with the first part by a one piece, two-component injection molded construction~~[[,]] and

~~(iii)~~ (ii) a second part having a rigid construction that sealingly covers the first part ~~and the engagement region,~~

the engagement region being configured to be acted upon by the actuator such that a space defined by the flexible elastomeric material, which is in communication with the fluid guidance channel, is reduced or enlarged in volume so as to convey the fluid therethrough.